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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/467,512	12/20/1999	GREGG D. WEISSMAN	SPY-016	2488

7590

12/02/2003

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EXAMINER

CHEN, SHIN HON

ART UNIT	PAPER NUMBER
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2131

DATE MAILED: 12/02/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/467,512

Applicant(s)

WEISSMAN ET AL.

Examiner

Shin-Hon Chen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 8/11/00.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) _____ is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 December 1999 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claim 1 has been examined.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Goshey et al. U.S. Pat. No. 6205527 (hereinafter Goshey) in view of Glasser et al. U.S. Pat No. 5651109 (hereinafter Arnold).

As per claim 1, Goshey teaches a method for creating a protected region of a data storage device of a computational device (Goshey: column 2 lines 46-65: a method of protecting data... preparing a storage media of the peripheral storage device to be a protection enabled media), operating system data representing the operating system of the computational device being stored on the data storage device (Goshey: column 2 lines 50-62: a set of data stored in a hard drive of the computer system... include operating system files and a set of boot files), the method comprising the steps of maintaining a record of operating system data accessed by the computational device after a reset of the computational device and until predetermined functionality of the operating system becomes available (Goshey: column 2 lines 50-51: selecting a backup set of data...include boot files; the boot file or boot record is a record of operating system data accessed by a computer before the operating system becomes available

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which is well known in the art); and storing a copy of the operating system data recorded during the step of maintaining in the unprotected region of the data storage device (Goshey: column 2 line 51: a set of data stored in a hard drive; it means that the boot file and operating system files are stored in the hard drive before it is being copied to the protection enabled media); and storing a copy of any data stored on the data storage device in the protected region of data storage device (Goshey: column 2 lines 53-59: copy the backup set of data from hard drive to the storage media) .

Goshey does not explicitly teach the method of establishing protected and unprotected region. However, Glasser teaches the method of generating protected and unprotected memory region (Glasser: column 18, lines 35-42: generating both a protected memory region and an unprotected memory region). It would have been obvious to one having ordinary skill in the art at the time of invention to employ the teachings of Glasser within the system of Goshey because it will allow the invention disclosed by Goshey to generate a protected and unprotected region within the hard drive. It also reduces the amount of devices required to establish a protected memory region.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

William et al. U.S. Pat. No.5694583 discloses BIOS emulation parameter preservation across computer bootstrapping.

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Bealkowski et al. U.S. Pat. No. 5022077 discloses apparatus and method for preventing unauthorized access to BIOS in a personal computer system.

Pereira U.S. Pat. No. 5809230 discloses system and method for controlling access to personal computer system resources.

Marsh et al. U.S. Pat. No. 5930831 discloses partition manipulation architecture supporting multiple file systems.

Cleary et al. U.S. Pat. No. 5504905 discloses apparatus for communicating a change in system configuration in an information handling network.

Matsumoto et al. U.S. Pat. No. 6484946 discloses IC Card information display device and IC card for use therewith.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shin-Hon Chen whose telephone number is (703) 305-8654. The examiner can normally be reached on Monday through Friday 8:00am to 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (703) 305-9648. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Shin-Hon Chen
Examiner
Art Unit 2131

SC


AYAZ SHEIKH
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